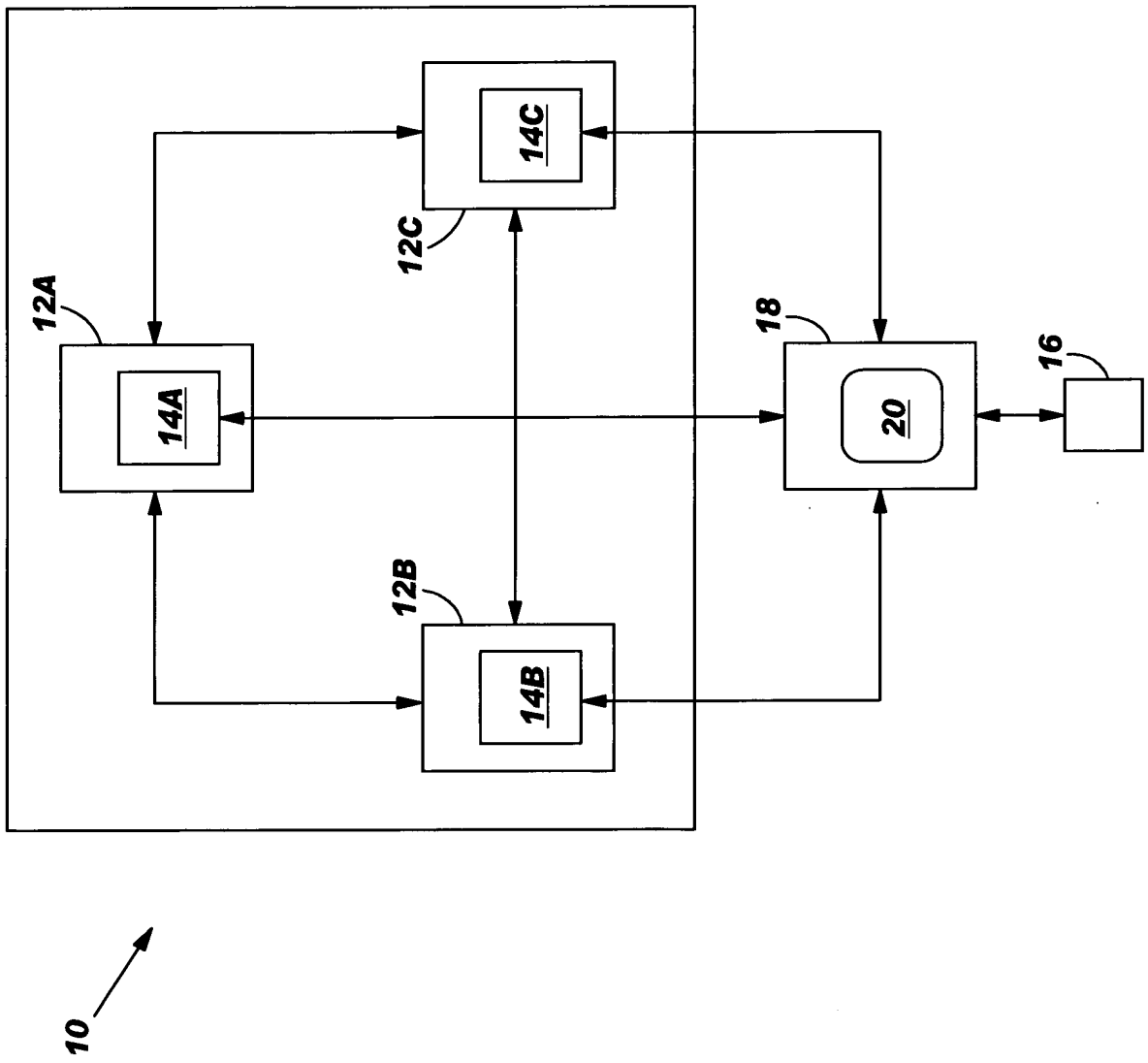
FIG. 1



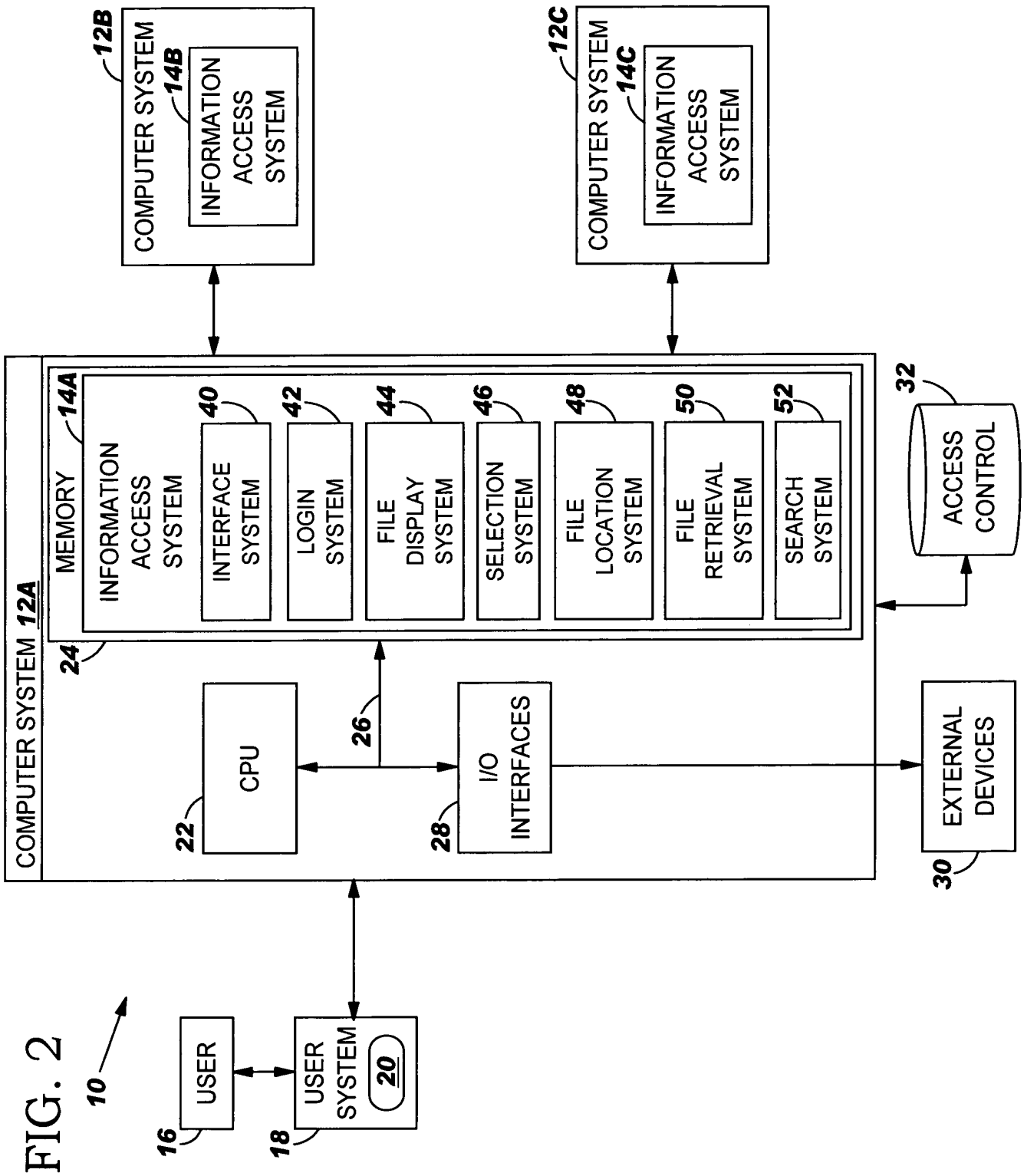

10
USER
16
USER SYSTEM
20
18
COMPUTER SYSTEM 12A
MEMORY
14A
INFORMATION ACCESS SYSTEM
24
INTERFACE SYSTEM
40
LOGIN SYSTEM
42
FILE DISPLAY SYSTEM
44
SELECTION SYSTEM
46
FILE LOCATION SYSTEM
48
FILE RETRIEVAL SYSTEM
50
SEARCH SYSTEM
52
CPU
22
26
I/O INTERFACES
28
ACCESS CONTROL
32
EXTERNAL DEVICES
30
COMPUTER SYSTEM 12B
INFORMATION ACCESS SYSTEM
14B
COMPUTER SYSTEM 12C
INFORMATION ACCESS SYSTEM
14C

FIG. 2

FIG. 3

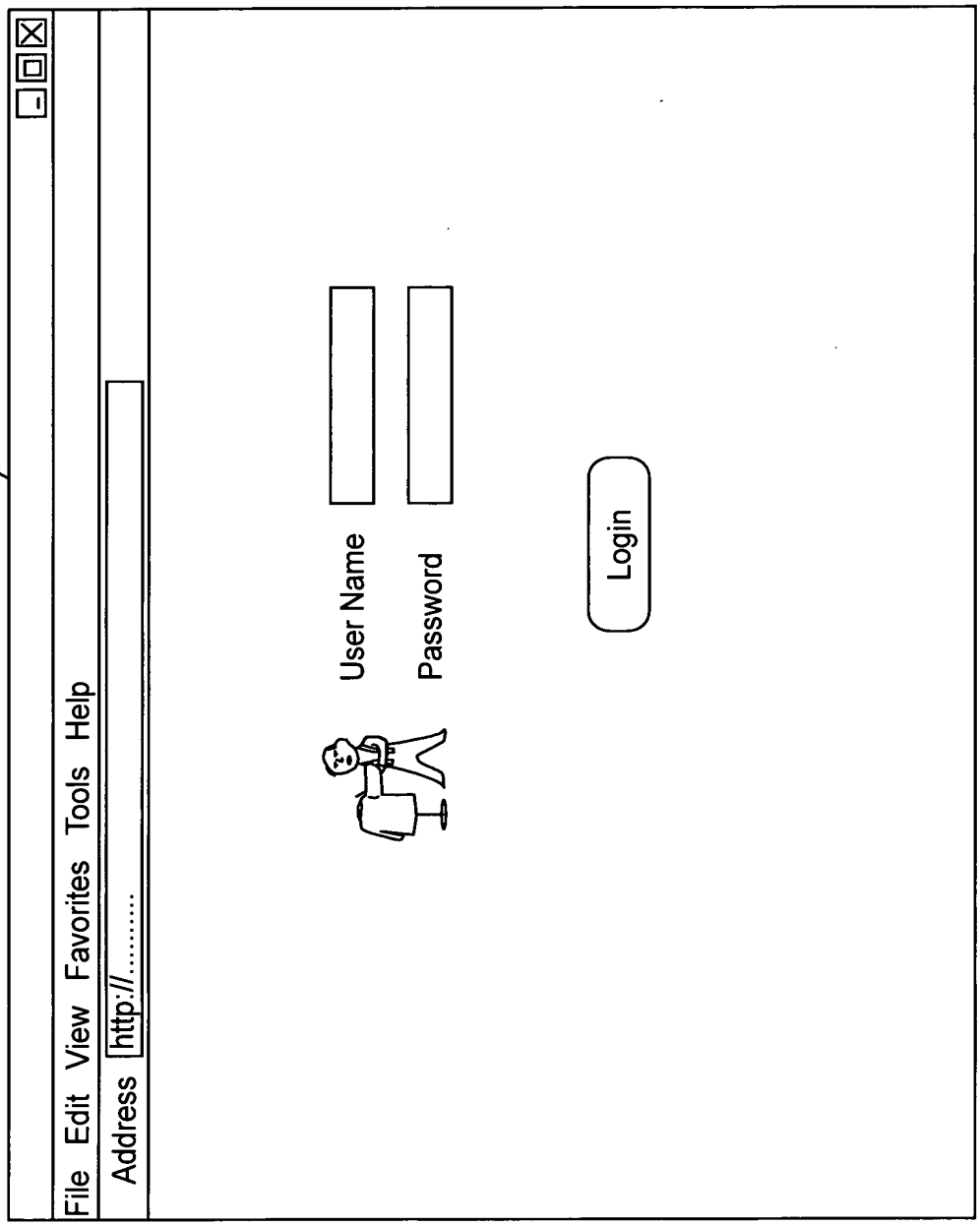

60
File Edit View Favorites Tools Help
Address http://.....
User Name
Password
Login

FIG. 4

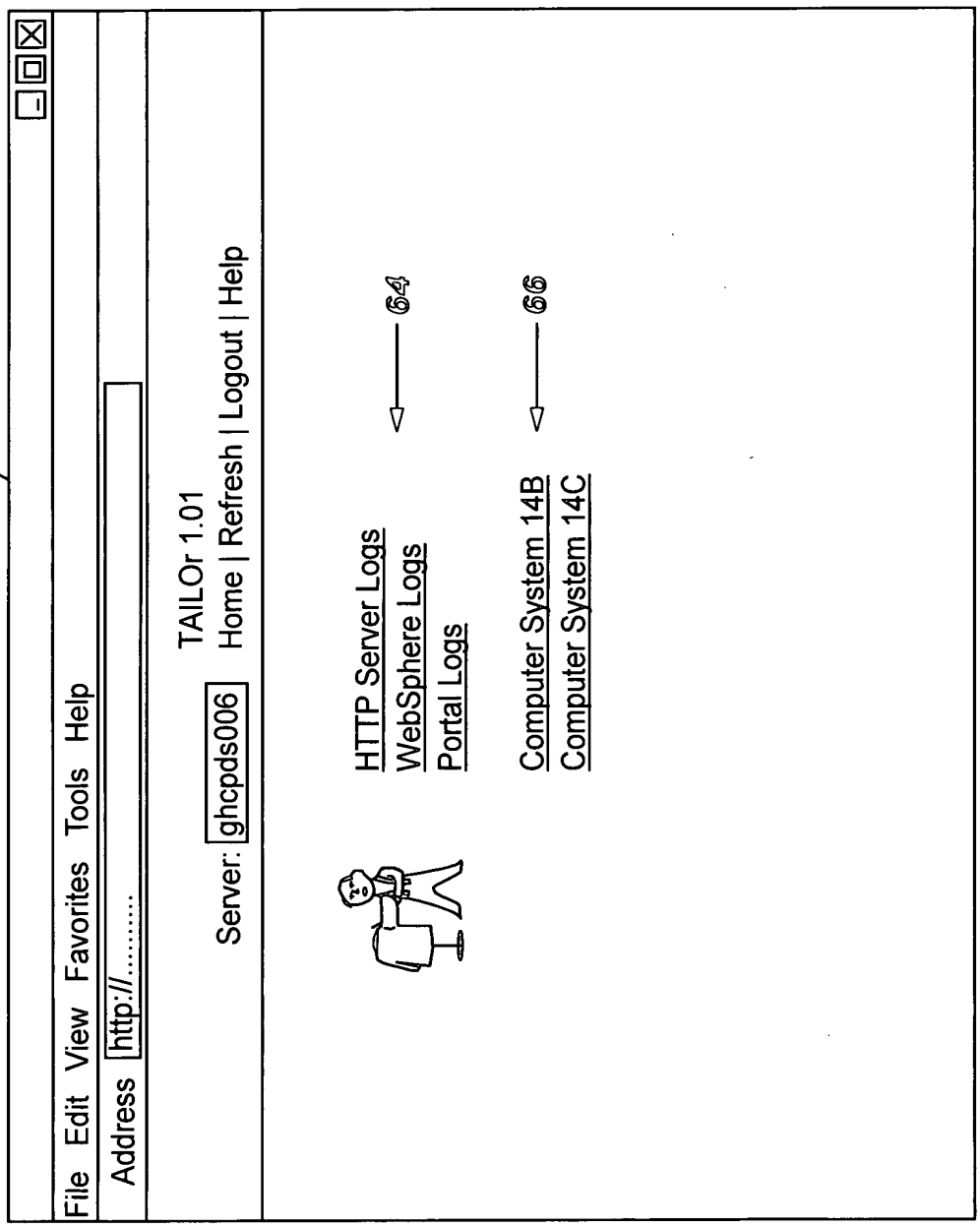

62
File Edit View Favorites Tools Help
Address http://.....
TAILOr 1.01
Server: ghcpds006 Home | Refresh | Logout | Help
HTTP Server Logs
WebSphere Logs
Portal Logs
64
Computer System 14B
Computer System 14C
66

FIG. 5

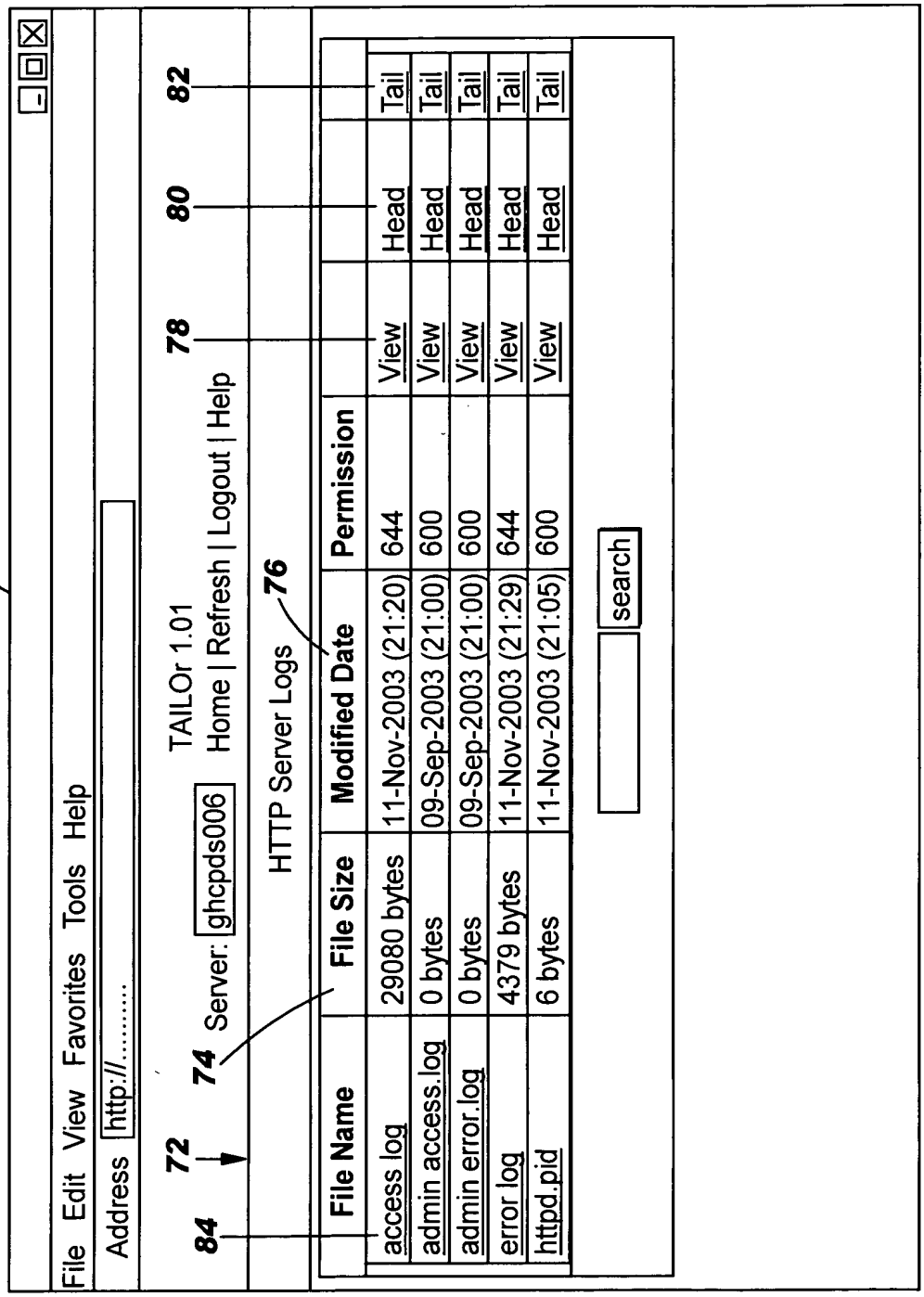

70
File Edit View Favorites Tools Help
Address http://.....
72
74
Server: ghcpds006
TAILOr 1.01
78
Home | Refresh | Logout | Help
80
82
84
HTTP Server Logs
76
File Name
File Size
Modified Date
Permission
access log
29080 bytes
11-Nov-2003 (21:20)
644
admin access.log
0 bytes
09-Sep-2003 (21:00)
600
admin error.log
0 bytes
09-Sep-2003 (21:00)
600
error log
4379 bytes
11-Nov-2003 (21:29)
644
httpd.pid
6 bytes
11-Nov-2003 (21:05)
600
View
Head
Tail
search

FIG. 6

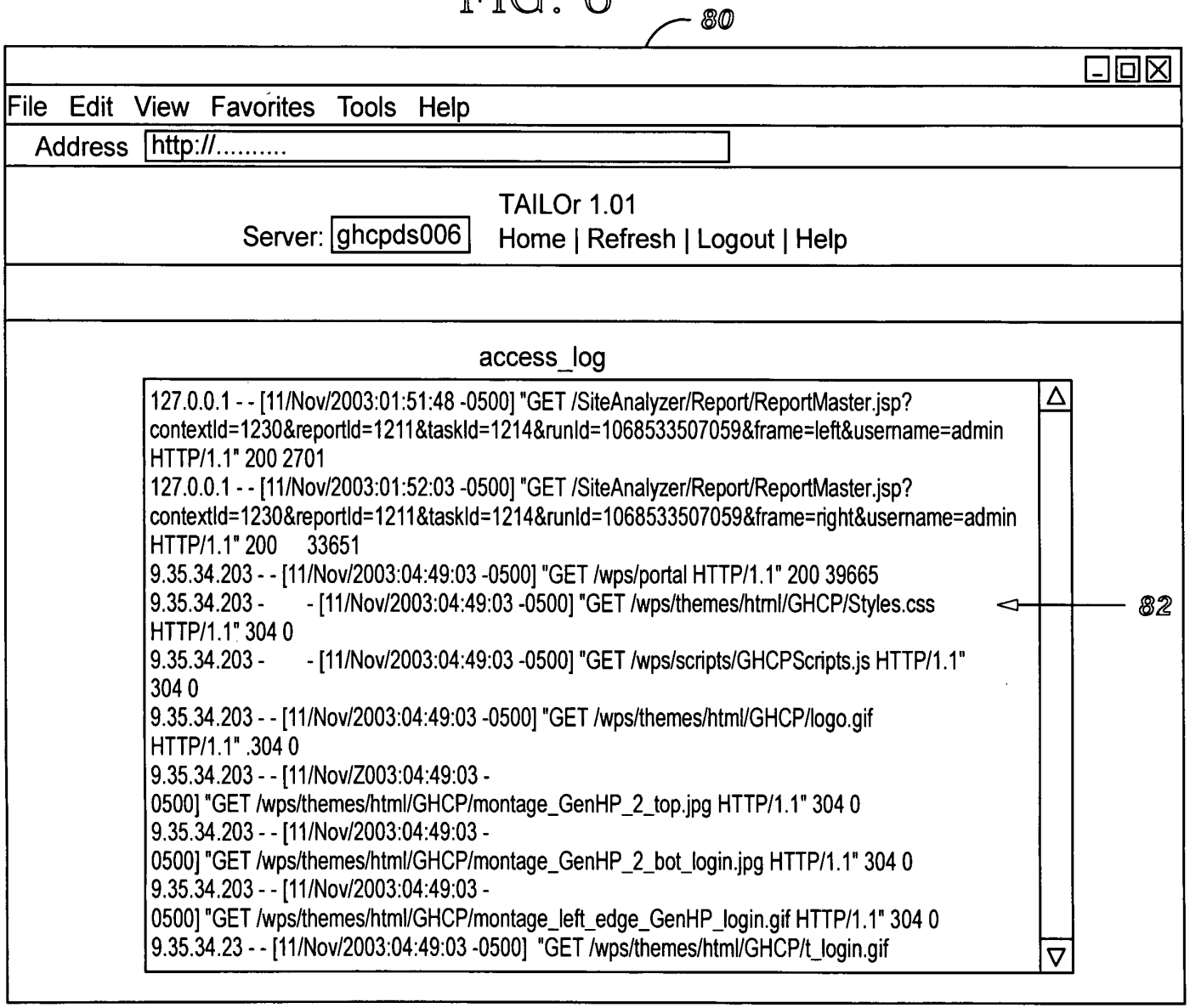
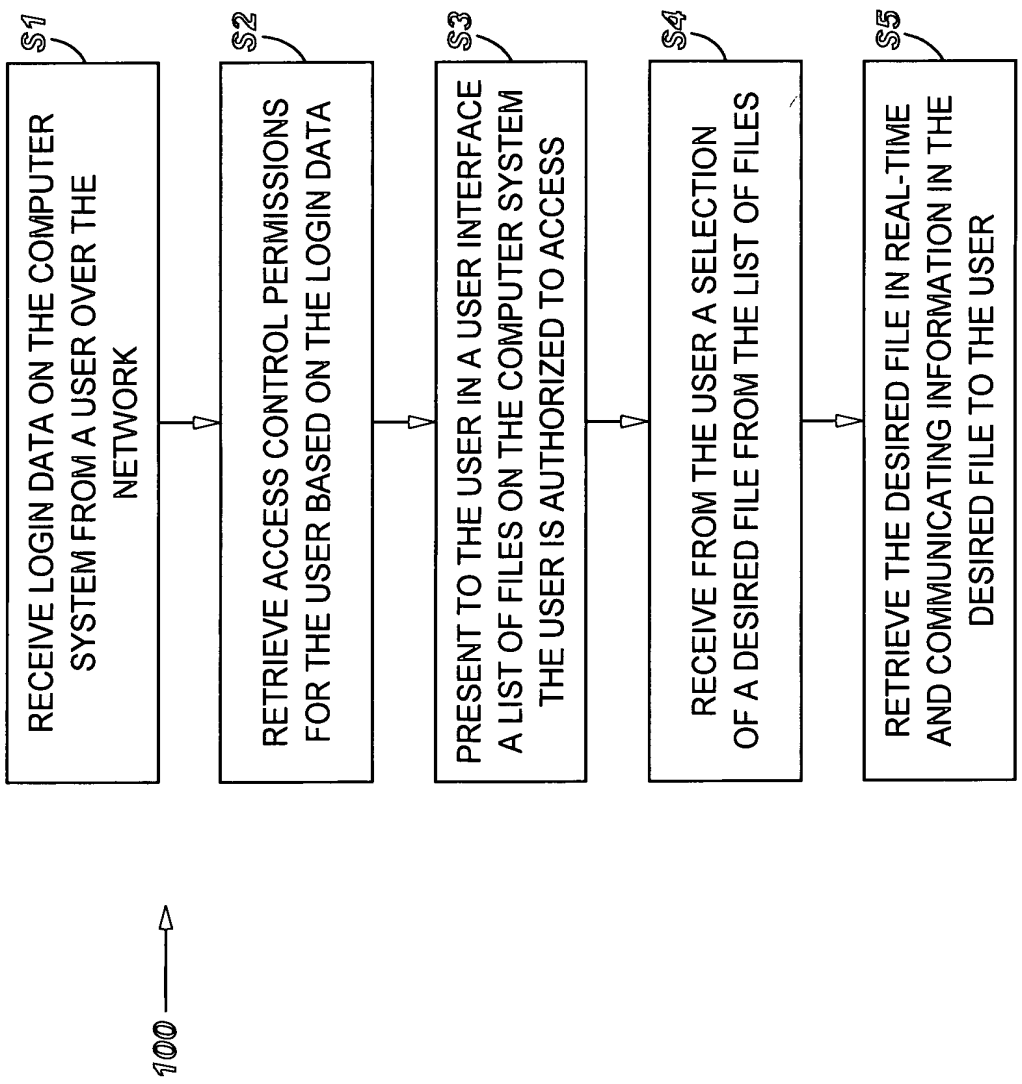

80
File Edit View Favorites Tools Help
Address http://.....
TAILOr 1.01
Server: ghcpds006
Home | Refresh | Logout | Help
access_log
127.0.0.1 - - [11/Nov/2003:01:51:48 -0500] "GET /SiteAnalyzer/Report/ReportMaster.jsp?
contextId=1230&reportId=1211&taskId=1214&runId=1068533507059&frame=left&username=admin
HTTP/1.1" 200 2701
127.0.0.1 - - [11/Nov/2003:01:52:03 -0500] "GET /SiteAnalyzer/Report/ReportMaster.jsp?
contextId=1230&reportId=1211&taskId=1214&runId=1068533507059&frame=right&username=admin
HTTP/1.1" 200 33651
9.35.34.203 - - [11/Nov/2003:04:49:03 -0500] "GET /wps/portal HTTP/1.1" 200 39665
9.35.34.203 - - [11/Nov/2003:04:49:03 -0500] "GET /wps/themes/html/GHCP/Styles.css
HTTP/1.1" 304 0
82
9.35.34.203 - - [11/Nov/2003:04:49:03 -0500] "GET /wps/scripts/GHCPScripts.js HTTP/1.1"
304 0
9.35.34.203 - - [11/Nov/2003:04:49:03 -0500] "GET /wps/themes/html/GHCP/logo.gif
HTTP/1.1" .304 0
9.35.34.203 - - [11/Nov/Z003:04:49:03 -
0500] "GET /wps/themes/html/GHCP/montage_GenHP_2_top.jpg HTTP/1.1" 304 0
9.35.34.203 - - [11/Nov/2003:04:49:03 -
0500] "GET /wps/themes/html/GHCP/montage_GenHP_2_bot_login.jpg HTTP/1.1" 304 0
9.35.34.203 - - [11/Nov/2003:04:49:03 -
0500] "GET /wps/themes/html/GHCP/montage_left_edge_GenHP_login.gif HTTP/1.1" 304 0
9.35.34.23 - - [11/Nov/2003:04:49:03 -0500] "GET /wps/themes/html/GHCP/t_login.gif

FIG. 7


100
S1
RECEIVE LOGIN DATA ON THE COMPUTER SYSTEM FROM A USER OVER THE NETWORK
S2
RETRIEVE ACCESS CONTROL PERMISSIONS FOR THE USER BASED ON THE LOGIN DATA
S3
PRESENT TO THE USER IN A USER INTERFACE A LIST OF FILES ON THE COMPUTER SYSTEM THE USER IS AUTHORIZED TO ACCESS
S4
RECEIVE FROM THE USER A SELECTION OF A DESIRED FILE FROM THE LIST OF FILES
S5
RETRIEVE THE DESIRED FILE IN REAL-TIME AND COMMUNICATING INFORMATION IN THE DESIRED FILE TO THE USER